

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1 (currently amended): An audio/video (AV) stream processing system comprising:

a receiving unit which receives an AV stream comprising a content information field and a content field, the content information field comprising first copy control information, and the content field comprising second copy control information;

a determination unit which determines whether the first and the second copy control information are different; and

a decryption unit which processes the AV stream according to at least one of the first and second copy control information when the first and the second copy control information are the same and stops processing the AV stream when the first and the second copy control information are different.

2 (currently amended): The system according to claim 1, wherein the ~~determination~~decryption unit ~~determines whether a~~stops processing the AV stream when the first ~~copy control mode information of the first copy control information and a second copy control mode of the second copy control information~~ are different.

3 (original): The system according to claim 1, wherein:

each of the first and the second copy control information comprises a copy control mode of a content of the AV stream, and

the copy control mode comprises one of a first mode in which the content is encrypted and copying of the content is prohibited, a second mode in which the content is encrypted and a one time copying of the content is allowed, the second mode being changed to the first mode after the one time copying, a third mode in which the content is encrypted and unrestricted copying of the content is allowed, and a fourth mode in which the content is not encrypted and unrestricted copying of the content is allowed.

4 (original): The system as claimed in claim 3, wherein the decryption unit comprises:

a key generating unit which generates a decryption key for decrypting the content;

a content interpreting unit which decrypts the content using the decryption key to generate a decrypted content; and

a control unit which controls the key generating unit and the content interpreting unit to stop generating the decryption key or stop decrypting the content, when the first and the second copy control information are different, and, when the first and the second copy control information are the same, controls the key generating unit and the content interpreting unit according to the copy control mode.

5 (original): The system as claimed in claim 4, further comprising a storage unit which stores the decrypted content or the content.

6 (original): The system according to claim 4, wherein the key generating unit generates the decryption key using information comprising the second copy control information.

7 (original): The system according to claim 3, wherein the determining unit comprises:

a storage unit which stores the first copy control information; and

a comparator unit which compares the copy control mode of the first copy control information with the copy control mode of the second copy control information.

8 (original): The system as claimed in claim 3, wherein the decryption unit comprises:

a key generating unit which generates a decryption key;

a content interpreting unit which decrypts the content; and

a control unit which outputs a control signal corresponding to the copy control mode when the first and the second copy control information are the same, and generates a stop signal when the first and the second copy control information are different or the control signal corresponds to the first mode, wherein the control unit outputs the stop signal to the key generating unit when the AV stream is not being played and outputs the stop signal to the content interpreting unit when the AV stream is being played, wherein

the key generating unit generates a decryption key for decrypting the content in response to the control signal corresponding to one of the second and third mode, and stops generating the decryption key in response to the stop signal; and

the content interpreting unit which decrypts the content using the decryption key, outputs the content, in response to the control signal corresponding to the fourth mode, and stops decrypting the content in response to the stop signal.

9 (currently amended): ~~An audio/video (AV) stream processing~~The system comprising:

~~means for receiving an AV stream comprising a content information field and a content field;~~

~~means for processing~~according to claim 1, wherein the AV stream; and

~~_____ means for determining whether copy control information decryption unit~~
~~processes the AV stream according to one of the content~~first and the second copy control
information having a higher priority over another of the first and the second copy control
information, when the first and the second copy control information field has been modified~~are~~
different.

10 (currently amended): The system according to claim 9, wherein ~~the means for~~
~~processing stops processing the AV stream when the copy control information has been~~
~~modified;~~

each of the first and the second copy control information comprises a copy control mode
of a content of the AV stream, and

the copy control mode comprises one of a first mode in which the content is encrypted
and copying of the content is prohibited, a second mode in which the content is encrypted and
one time copying of the content is allowed, the second mode being changed to the first mode
after the one time copying, a third mode in which the content is encrypted and unrestricted
copying of the content is allowed, and a fourth mode in which the content is not encrypted and
unrestricted copying of the content is allowed.

11 (canceled).

12 (original): An audio/video (AV) stream processing method comprising:

receiving an AV stream comprising a content information field and a content field,
wherein the content information field comprises first copy control information, and the content
field comprises second copy control information;

determining whether the first and the second copy control information are different, in a determination; and

processing the AV stream based on the determination.

13 (currently amended): The method according to claim 12, ~~wherein the determining whether the first and the second copy control information are different comprises determining whether a first copy control mode information of the first copy control information and a second copy control mode information of the second copy control information are different.~~ wherein the processing the AV stream comprises processing the AV stream according to copy control mode information when the first and the second copy control information are the same.

14 (currently amended): The method according to claim 12, wherein the processing the AV stream further comprises ~~processing the AV stream according to copy control mode information when the first and the second copy control information are the same and terminating a decrypting of a content of the AV stream when the first and the second copy control information are different.~~

15 (original): The method according to claim 12, wherein, when the first and the second copy control information are different, the processing the AV stream comprises terminating a decrypting of a content of the AV stream when the AV stream is being played, or terminating a generating of a decryption key for decrypting the content of the AV stream when the AV stream is not being played.

16 (original): An audio/video (AV) stream processing method comprising:

receiving an AV stream comprising a content information field and a content field, wherein the content information field comprises first copy control information, and the content field comprises second copy control information;

first determining whether the first and the second copy control information are different, in a determination;

second determining whether the AV stream is to be processed based on the determination; and

displaying a message indicating that processing the AV stream is prohibited when the first and the second copy control information are different.

17 (canceled).

18 (currently amended): ~~An audio/video (AV) stream processing method comprising:~~

~~receiving an AV stream comprising a content information field and a content field; A~~
method for copy control in processing an audio/video (AV) stream, the method comprising:

extracting copy control information from a content information field of the AV stream;

determining whether ~~copy the control information of the content~~ information field has been modified, ~~in a determination~~; and

processing the AV stream based on the determination.

19. (currently amended): The method according to claim 18, wherein the ~~processing the AV stream determining~~ comprises ~~terminating the processing of the AV stream when the~~
determining whether the copy control information has been modified of the content information

field has been modified when compared to copy control information of a content field of the AV stream, to prevent an unauthorized processing of the AV stream.

20-34 (canceled).

35 (new): The method according to claim 12, wherein the processing the AV stream comprises processing the AV stream using one of the first and the second copy control information having a higher priority over another of the first and the second copy control information, when the first and the second copy control information are different.

36 (new): The method according to claim 35, further comprising establishing the second copy control information as having the higher priority over the first copy control information when the first and the second copy control information are different, wherein the processing the AV stream comprises processing content of the AV stream using the second copy control information